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(54) Title: PREPARATION OF SUPPORTED COCATALYSTS

(57) Abstract: The present invention relates to a process for preparing a supported cocatalyst for olefin polymerization, which comprises reacting: A) a support bearing functional groups; B) triethylaluminum and C) a compound of the formula (I) (R^1)_x—A—(OH)_y, where A is an atom of group 13 or 15 of the Periodic Table, R^1 are identical or different and are each, independently of one another, hydrogen, halogen, C_1 - C_2 0-alkyl, C_1 - C_2 0-haloalkyl, C_1 - C_2 0-haloalkyl, C_1 - C_2 0-haloalkyl, C_1 - C_2 0-haloalkylaryl or an OSiR₃² group, where R^2 are identical or different and are each hydrogen, halogen, C_1 - C_2 0-alkyl, C_1 - C_2 0-haloalkyl, C_1 - C_3 0-haloalkyl, C_1 - C_3 0-haloalkyl, C_1 - C_3 0-haloalkylaryl, C_3 0- C_3 0-haloalkyl, C_3 0- C_3 0-haloalyl, C_3 0- C_3 0-haloalyl, C_3 0-